

ENVIRONMENTAL SPECIALIST

DEFINITION

To perform a variety of geotechnical and administrative tasks requiring independent judgement in connection with investigation and/or cleanup of hazardous materials spills or leaks from underground fuel tanks, sumps and pipelines.

SUPERVISION RECEIVED AND EXERCISED

General supervision and direction is provided by the Battalion Chief assigned to coordinate the hazardous materials program.

EXAMPLES OF DUTIES:

Depending upon assignment, duties may include but are not limited to the following:

1. Oversees and provides technical assistance in the investigation and cleanup of contaminated soil and groundwater in conformance with local, regional, state and federal guidelines.
2. Reviews consultants' proposals, remedial action plans and reports for conformity with guidelines, industry standards and available specifications.
3. Prepares letters to other agencies and owners of contaminated property outlining recommendations for hydrogeologic investigation and remediation of contamination.
4. Schedules, leads or attends meetings with property owners, contractors, responsible parties, government agencies, and the public related to project management, enforcement, tracking and public relations.
5. Provides geotechnical assistance to staff in site evaluation, and document review for permitting, compliance and enforcement.
6. Reviews action plans including final inspection, coordination of review process and preparation of final documents.

EXAMPLES OF DUTIES – (continued)

7. Reviews and documents compliance with operation and maintenance plans and revises plans when necessary.
8. Performs preliminary technical assessment, data review and site inspections to define the extent of hazardous waste contamination in soils and groundwater as it relates to site ranking.
9. Recommends appropriate enforcement actions and prepares the necessary letters, reports, and presentations. Assists in judicial abatement as necessary.
10. Documents and maintains tracking system for cost recovery.

QUALIFICATIONS

Knowledge, Abilities and Skills

- A. Knowledge of geological engineering fundamentals.
- B. Knowledge of subsurface exploration, sampling procedures, and soil mechanics.
- C. Knowledge of treatment and disposal of contaminated soil and hazardous waste.
- D. Knowledge of resource recovery processes and waste management programs.
- E. Ability to interpret results of geological and hydrological studies and their effect on long range water resource planning.
- F. Ability to prepare and deliver clear and concise technical reports in writing or orally.
- G. Ability to communicate, establish and maintain cooperative relationships with those contacted in the course of work.

EXPERIENCE AND EDUCATION

Any combination of experience and education that could likely provide the required knowledge and abilities would be qualifying. A typical way to obtain the knowledge and abilities would be:

Experience:

Two years experience in hazardous or waste material management with at least one year experience in subsurface contamination investigation.

Education:

Bachelor's Degree in engineering geology, geology or environmental science with minor in geology or closely related course work.

License:

Possession of a valid Class III Driver's License.

PROBATIONARY PERIOD: One year

677CS89

July 1989

AAP GROUP: 4

FPPC STATUS: Designated

FLSA STATUS: Exempt